

DURAFLEX™ CAD PARTIALS

MYERSON DURAFLEX IS NOW AVAILABLE AS A MILLING DISC!

Myerson DuraFlex is a state of the art thermoplastic material with the ideal combination of flexibility, translucency and durability for use in removable partial dentures and tissue-coloured clasps. Resistant to stains as does not contain nylon, and virtually unbreakable. DuraFlex is now available in a milling disc, which integrates seamlessly into a digital workflow.



Available shades:

- Pink • Medium Pink • Tissue Tone Pink
- Size: 98 mm
- Thicknesses: 15mm, 20mm and 25mm

- Mills fast and cleanly using standard PMMA tools
- Add clasps or make repairs quickly and easily with Myerson's HotShotElite handheld injector

Cosmetic solutions to make you smile

DURAFLEX™ CAD PARTIALS

Section 1: System Overview

Myerson DuraFlex is an advanced thermoplastic for making translucent flexible partial denture frameworks.

Section 2: Product Composition

Ingredients	Approx % weight
Ethylene Propylene Copolymer	>99.95%
Pigments	< 0.05%

Section 3: Technical Data

Property	Method	Nominal Value
Density-Specific Gravity	ASTM D792	.902 sp gr 23/23° C
Tensile Strength	ASTM D638	4060 psi
Tensile Elongation	ASTM D638	12.00%
Flexural Modulus	ASTM D790	1% Secant:145000 psi
Notched Izod Impact	ASTM D256	.0899 ft lb/in
Moisture Absorption	ASTM D570	0.05%

Section 4: Indications

Partial denture frameworks or clasps.

Section 5: Contraindications

Contraindications are all applications not included in SECTION 4.

Section 6: Preparation Guidelines

General preparation guidelines for all removable appliances should be followed.

Section 7: Design of Restoration

Partial denture framework (minimum thickness)

- Major connector: 1.2 mm
- Saddle area: 0.8 mm

Clasp on anterior tooth

- 3.0 mm where clasp joins framework, thinning to 0.7mm at tip

Clasp on posterior tooth

- 4.0 mm where clasp joins framework, thinning to 0.7mm at tip

Section 8: Milling

1. Mount the disc according to the CAM-System instructions.
2. Start the milling unit.
3. Select appropriate milling strategy depending on the appliance to be fabricated.
4. Once the milling operation has completed, remove the disc containing the milled restoration(s).

Section 9: Post Milling

1. Remove the restoration(s) from the disc using a separating disc or suitable acrylic bur.
2. To polish the restoration, load a new polishing wheel or buff with pumice suitable for thermoplastic materials and buff all areas of the appliance until all scratches are removed and high shine is achieved.

Notice: All DuraFlex discs are solely for use by or on the order of a dental professional. They are not for use by the general public or over-the-counter.

Milled appliances made from Myerson's discs are not to be re-milled. Re-milling may result in warping since the device will no longer have the support of the body of the puck. Also, the remaining material may not have sufficient retention areas needed for the new device.

Section 10: Handling & Storage

Please refer to SDS.

Section 11: Regulatory

ISO 13485:2016

Myerson DuraFlex CAD Instructions

Item Code	Product	Description
08072022	Medium Pink	15mm
08072023	Medium Pink	20mm
08072024	Medium Pink	25mm
08072025	Pink	15mm
08072026	Pink	20mm
08072027	Pink	25mm
08072028	Tissue Tone Pink	15mm
08072029	Tissue Tone Pink	20mm
08072030	Tissue Tone Pink	25mm



Myerson Polishing kit

Kit includes

- Yellow Discs (6)
- Red Discs (6)
- Blue Discs (6)
- Green Discs (6)
- Plastic Mandrels (4)
- 3 inch Muslin Buff
- Fine Scratch Remover **FN-0200** (1 kit)



Myerson Fine Scratch Remover

The Myerson Fine Scratch remover is a special polishing compound specifically designed for VisiClear, DuraFlex, DuraCetal, as well as other types of thermoplastics like acrylic, nylon or polycarbonate.

Fine Scratch Remover (2 oz)
AP-0240



Myerson Thermoplastic Model separator

The Key to a great polish starts with the Thermoplastic Model Separator.

Thermoplastic Model Separator

(1 oz) **MS-0200**
TMS Swabs (10) **MS-0202**
TMS Trays (10) **MS-0201**



Myerson DuraFlex Cleanser

Ideal for flexible partials or any other removable dental appliance. Removes superficial stains including coffee, tea, plaque and calculus build-up.

DuraFlex Cleanser (6 oz, 170g)